

# **NOTIFICATION OF ADDENDUM**

## **ADDENDUM NO. 1**

**DATED 5/27/2010**

<b>Control</b>	<b>0007-06-081</b>
<b>Project</b>	<b>IM 0203(079)</b>
<b>Highway</b>	<b>IH 20</b>
<b>County</b>	<b>EASTLAND</b>

Ladies/Gentlemen:

Attached please find an addendum on the above captioned project. Included in the attachment is an addendum notification which details the changes and the respective proposal pages which were added and/or changed.

Except for new bid insert pages, it is unnecessary to return any of the pages attached.

Bid insert pages must be returned with the bid proposal submitted to the Department, unless your firm is submitting a bid using a computer print out. The computer print out must be changed to reflect the new bid item information.

Contractors and material suppliers, etc. who have previously been furnished informational proposals are not being furnished a copy of the addendum. If you have a subcontractor on the above project, please advise them of this addendum. Acknowledgment of this addendum is not requested if your company has been issued a proposal stamped "This Proposal Issued for Informational Purposes."

You are required to acknowledge receipt of this addendum on the Addendum Acknowledgement form contained in your bid proposal by placing a mark in the box next to the respective addendum.

Failure to Acknowledge receipt of this addendum in your bid proposal will result in your bid not being read.

SUBJECT: PLANS AND PROPOSAL ADDENDUMS

PROJECT: IM 0203(079)

CONTROL: 0007-06-081

COUNTY: EASTLAND

LETTING: 06/03/2010

REFERENCE NO: 0525

**PROPOSAL ADDENDUMS**

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\_ PROPOSAL COVER

\_ BID INSERTS (SH. NO.:

\_ GENERAL NOTES (SH. NO.:

X SPEC LIST (SH. NO.: 2-3

X SPECIAL PROVISIONS:

ADDED: 300---016

DELETED: 300---015

\_ SPECIAL SPECIFICATIONS:

ADDED:

DELETED:

X OTHER: SEE BELOW

DESCRIPTION OF ABOVE CHANGES

(INCLUDING PLANS SHEET CHANGES)

SPEC LIST: REPLACE SHEET 2-3

PLAN SHEET: REPLACE SHEET 8

CONTROL : 0007-06-081  
PROJECT : IM 0203(079)  
HIGHWAY : IH 20  
COUNTY : EASTLAND

TEXAS DEPARTMENT OF TRANSPORTATION

**GOVERNING SPECIFICATIONS AND SPECIAL PROVISIONS**

ALL SPECIFICATIONS AND SPECIAL PROVISIONS APPLICABLE TO THIS PROJECT  
ARE IDENTIFIED AS FOLLOWS:

STANDARD SPECIFICATIONS: ADOPTED BY THE TEXAS DEPARTMENT OF  
----- TRANSPORTATION JUNE 1, 2004.  
STANDARD SPECIFICATIONS ARE INCORPORATED  
INTO THE CONTRACT BY REFERENCE.

ITEMS 1 TO 9 INCL., GENERAL REQUIREMENTS AND COVENANTS  
ITEM 150 BLADING  
ITEM 316 SURFACE TREATMENTS (210)(300)(302)(520)  
ITEM 346 STONE-MATRIX ASPHALT (210)(300)(301)(320)(340)(520)(585)  
ITEM 351 FLEXIBLE PAVEMENT STRUCTURE REPAIR (132)(204)(247)(260)  
(263)(275)(276)(292)(310)(316)(330)(334)(340)  
ITEM 354 PLANING AND TEXTURING PAVEMENT  
ITEM 500 MOBILIZATION  
ITEM 502 BARRICADES, SIGNS, AND TRAFFIC HANDLING  
ITEM 506 TEMPORARY EROSION, SEDIMENTATION, AND ENVIRONMENTAL  
CONTROLS  
ITEM 533 SHOULDER TEXTURING  
ITEM 662 WORK ZONE PAVEMENT MARKINGS (666)(668)(672)(677)  
ITEM 666 REFLECTORIZED PAVEMENT MARKINGS (316)(318)(662)(677)(678)  
ITEM 668 PREFABRICATED PAVEMENT MARKINGS  
ITEM 672 RAISED PAVEMENT MARKERS (677)(678)

SPECIAL PROVISIONS: SPECIAL PROVISIONS WILL GOVERN AND TAKE  
----- PRECEDENCE OVER THE SPECIFICATIONS ENUMERATED  
HEREON WHEREVER IN CONFLICT THEREWITH.

REQUIRED CONTRACT PROVISIONS, FEDERAL-AID CONSTRUCTION CONTRACTS  
(FORM FHWA 1273, MARCH, 1994)

WAGE RATES

SPECIAL PROVISION "PARTNERING" (000---002)  
SPECIAL PROVISION "NOTICE TO ALL BIDDERS" (000---003)  
SPECIAL PROVISION "NOTICE OF REQUIREMENT FOR AFFIRMATIVE ACTION TO  
ENSURE EQUAL EMPLOYMENT OPPORTUNITY" (000---004)

SPECIAL PROVISION "STANDARD FEDERAL EQUAL EMPLOYMENT OPPORTUNITY  
 CONSTRUCTION CONTRACT SPECIFICATIONS" (000---006)  
 SPECIAL PROVISION "CERTIFICATION OF NONDISCRIMINATION IN EMPLOYMENT"  
 (000---009)  
 SPECIAL PROVISION "DEPARTMENT DIVISION MAILING AND PHYSICAL ADDRESS"  
 (000---011)  
 SPECIAL PROVISION "DISADVANTAGED BUSINESS ENTERPRISE IN FEDERAL-AID  
 CONSTRUCTION" (000---461)  
 SPECIAL PROVISION "NOTICE OF CHANGES TO U.S. DEPARTMENT OF LABOR  
 REQUIRED PAYROLL INFORMATION" (000--1483)  
 SPECIAL PROVISION "SCHEDULE OF LIQUIDATED DAMAGES" (000--1493)  
 SPECIAL PROVISION "ON-THE-JOB TRAINING PROGRAM" (000--1676)  
 SPECIAL PROVISION TO ITEM 1 (001---011)  
 SPECIAL PROVISION TO ITEM 2 (002---017)  
 SPECIAL PROVISION TO ITEM 3 (003---033)  
 SPECIAL PROVISION TO ITEM 4 (004---017)  
 SPECIAL PROVISION TO ITEM 5 (005---004)  
 SPECIAL PROVISION TO ITEM 6 (006---030)  
 SPECIAL PROVISIONS TO ITEM 7 (007---213)(007---639)  
 SPECIAL PROVISION TO ITEM 8 (008---084)  
 SPECIAL PROVISIONS TO ITEM 9 (009---009)(009---015)  
 SPECIAL PROVISION TO ITEM 247 (247---033)  
 SPECIAL PROVISION TO ITEM 260 (260---002)  
 SPECIAL PROVISION TO ITEM 275 (275---002)  
 SPECIAL PROVISION TO ITEM 300 (300---016)  
 SPECIAL PROVISION TO ITEM 302 (302---010)  
 SPECIAL PROVISION TO ITEM 316 (316---016)  
 SPECIAL PROVISION TO ITEM 318 (318---010)  
 SPECIAL PROVISION TO ITEM 330 (330---001)  
 SPECIAL PROVISION TO ITEM 340 (340---003)  
 SPECIAL PROVISION TO ITEM 346 (346---003)  
 SPECIAL PROVISION TO ITEM 500 (500---005)  
 SPECIAL PROVISION TO ITEM 502 (502---033)  
 SPECIAL PROVISION TO ITEM 506 (506---010)  
 SPECIAL PROVISION TO ITEM 672 (672---034)  
 SPECIAL PROVISION TO SPECIAL SPECIFICATION ITEM 8251 (8251--005)

SPECIAL SPECIFICATIONS:

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 ITEM 6834 PORTABLE CHANGEABLE MESSAGE SIGN  
 ITEM 8094 MOBILE RETROREFLECTIVITY DATA COLLECTION FOR PAVEMENT  
 MARKINGS  
 ITEM 8251 REFLECTORIZED PAVEMENT MARKINGS WITH RETROREFLECTIVE  
 REQUIREMENTS (316)(318)(502)(677)(678)(8094)

GENERAL: THE ABOVE-LISTED SPECIFICATION ITEMS ARE THOSE UNDER WHICH  
 ----- PAYMENT IS TO BE MADE. THESE, TOGETHER WITH SUCH OTHER  
 PERTINENT ITEMS, IF ANY, AS MAY BE REFERRED TO IN THE ABOVE-  
 LISTED SPECIFICATION ITEMS, AND INCLUDING THE SPECIAL  
 PROVISIONS LISTED ABOVE, CONSTITUTE THE COMPLETE SPECIFI-  
 CATIONS FOR THIS PROJECT.



**SPECIAL PROVISION****300---016****Asphalts, Oils, and Emulsions**

For this project, Item 300, “Asphalts, Oils, and Emulsions,” of the Standard Specifications, is hereby amended with respect to the clauses cited below, and no other clauses or requirements of this Item are waived or changed hereby.

**Article 300.2. Materials, Table 3, “Polymer-Modified Asphalt Cement”** is voided and replaced with the following:

**Table 3A**  
**Polymer-Modified Asphalt Cement**

Property	Test Procedure								
		AC-5 w/2% SBR		AC-10 w/2% SBR		AC-15P		AC-20XP	
		Min	Max	Min	Max	Min	Max	Min	Max
Polymer		SBR		SBR		SBS		SBS	
Polymer Content, % (solids basis)	Tex-533-C	2.0	-	2.0	-	3.0	-	-	-
Dynamic Shear, G*/sin(delta), 64°C, 10 rad/s, kPa	T315	-	-	-	-	-	-	1.0	-
Viscosity									
140°F, poise	T 202	700	-	1300	-	1500	-	2000	-
275°F, poise	T 202	-	7.0	-	8.0	-	8.0	-	10
Penetration, 77°F, 100 g, 5 sec.	T 49	120	150	80	-	100	150	75	115
Ductility, 5cm/min., 39.2°F, cm	T 51	70	-	60	-	-	-	-	-
Elastic Recovery, 50°F, %	Tex-539-C	-	-	-	-	55	-	55	-
Softening Point, °F	T 53	-	-	-	-	-	-	120	-
Polymer Separation, 48 hrs.	Tex-540-C	None		None		None		None	
Flash Point, C.O.C., °F	T 48	425	-	425	-	425	-	425	-
Tests on Residue from Thin Film Oven Test:	T179								
Retained Penetration Ratio, 77°F	T 49	-	-	-	-	0.60	1.00	0.6	1.00
Tests on Residue from RTFO aging and Pressure Aging Vessel:	Tex-541-C and R28								
Bending Beam Rheometer	T313								
Creep Stiffness, -18°C, MPa		-	-	-	-	-	-	-	300
m-value, -18°C		-	-	-	-	-	-	0.300	-

**Table 3B**  
**Tire Rubber Modified Asphalt Cement**

Property	Test Procedure						
		AC-10-2TR		AC-12-5TR		AC-20-5TR	
		Min	Max	Min	Max	Min	Max
Polymer		TR		TR		TR	
Polymer Content, % (solids basis)	Tex-533-C	2.0	-	5.0	-	5.0	-
Dynamic Shear, G*/sin(delta), 64°C, 10 rad/s, kPa	T315	-	-	-	-	1.0	-
Dynamic Shear, G*/sin(delta), 58°C, 10 rad/s, kPa	T315	1.0	-	-	-	-	-
Viscosity							
140°F, poise	T 202	1000	-	1200	-	2000	-
275°F, poise	T 202	-	8.0	-	8.0	-	10
Penetration, 77°F, 100 g, 5 sec.	T 49	95	130	110	150	75	115
Elastic Recovery, 50°F, %	Tex-539-C	30	-	55	-	55	-
Softening Point, °F	T 53	110	-	113	-	120	-
Polymer Separation, 48 hrs.	Tex-540-C	None		None		None	
Flash Point, C.O.C., °F	T 48	425	-	425	-	425	-
Tests on Residue from Thin Film Oven Test:	T179						
Retained Penetration Ratio, 77°F	T 49	0.60	1.00	0.60	1.00	0.6	1.00
Tests on Residue from RTFO aging and Pressure Aging Vessel: Bending Beam Rheometer	Tex-541-C and R28 T313						
Creep Stiffness, -18°C, MPa		-	300	-	300	-	300
m-value, -18°C		0.300	-	0.300	-	0.300	-